

N^o-6-

Sept'r 23rd 1888

Jan'y 16th 1889.

D^r 2870 to 2918.

Hyd 1570 to 1621.

Abb.	Meaning	Abb.	Meaning
C	Clay	bk	black
Co	Coral	br	brown
For.	Foraminifera	bu	blue
G	Gravel	choc	chocolate
Glob.	Globigerina	dk	dark
Mb	Mud	gn	green
Oz.	Ooze	gy	gray
P	Pebbles	lt	light
Pter	Pteropods	rd	red
R	Rock	slat	slate
S	Sand	wh	white
Sh	Shells	yl	yellow
Sp	Specks		
St	Stones		
brk	broken		
crs	coarse		
fine	fine		
hrd	hard		
lge	large		
rky	rocky		
sft	soft		
sm	small		
stk	sticky		
stf	stiff		

Tanner Machine

On reel ~~400~~ 480 ~~461~~
419

15- to 30	+1
31- to 60	+2
61- to 90	+3
91- to 130	+4
131- to 200	+5
201- to 275	+6
276- to 360	+7
361- to 450	+8

SLP

No. *Hyd 1570* Date *Sept. 23^d 1888*
Tanner Machine. Reel.

Turns *35* Cor. + *2* Depth *37*

~~Shot or lead~~ *25 lbs.*

Bottom *hd S.*

Bottom temperature *46^L*

No. of Thermometer *61751* Cor. *—*

Corrected temperature *46.1*

Air *57* Surface *58* Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

Am. DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

1 11 45

12 30

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

SLP

No. *Hyd 1571* Date *Sept. 23^d 1888*
Tanner Machine. Reel.

Turns *49* Cor. + *2* Depth *51*

~~Shot or lead~~ *25 lbs.*

Bottom *hrd S.*

Bottom temperature *Ther. did not capsize*

No. of Thermometer *61751* Cor.

Corrected temperature

Air *58* Surface *58* Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

Am. DOWN.
1. 58.30 UP.
2 - -

TURNS.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

DREDGE ROPE.

DOWN.

UP.

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

SLP

No. *Hyd 1572* Date *Sept. 23^d 1888*
Tanner Machine. Reel.

Turns *79* Cor. + *3* Depth *82*

~~Shot or~~ lead *25 lbs.*

Bottom *hard S.*

Bottom temperature *45.1*

No. of Thermometer *61751* Cor. *—*

Corrected temperature *45.1*

Air *58* Surface *58* Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

Am. DOWN. UP.
2 37.30 41.00

TURNS.

0
100
200
300
400
500
600
700
800
900
1000
1100
1200
1300
1400
1500
1600
1700
1800
1900
2000
2100
2200
2300
2400

DREDGE ROPE.

DOWN. UP.

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

SLP

No. *Hyd 1573* Date *Sept, 23^d 1888*
Tanner Machine. Reel.

Turns *425* Cor. + *8* Depth *433*

~~Shot or lead~~ *25 lbs.*

Bottom *no specimen obtained* *arming carried away*

Bottom temperature *39.2*

No. of Thermometer *61751* Cor. *—*

Corrected temperature *39.2*

Air *58* Surface *58* Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>A.M. 3,36.00</i>	<i>53.00</i>	0		
<i>37.00</i>	<i>51.00</i>	100		
<i>38.10</i>	<i>49.00</i>	200		
<i>39.30</i>	<i>47.00</i>	300		
<i>41.00</i>	<i>43.20</i>	400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No.

2840

Date

Sept. 23

Tanner

Machine.

Reel.

Turns 56 Cor. + 2

Depth 58

Shot or lead 25 lbs.

Bottom

R.R.

Bottom temperature

46.5

No. of Thermometer

61751

Cor.

Corrected temperature

46.5

Air

58

Surface

58

Drift. 1 1/2 mi E x S

Trawl or dredge or tangles

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

5-52

5-52

0

9-11-45

37-15

100

9-10

200

12-10

32-15

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

23

24

25

26

27

28

29

30

31

32

33

34

35

36

37

38

39

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42

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44

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48

49

50

51

52

53

54

55

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58

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60

61

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63

64

65

66

67

68

69

70

71

72

73

74

75

76

77

78

79

80

81

82

83

84

85

86

87

88

89

90

91

92

93

94

95

96

97

98

99

100

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 28171

Date Sept. 23^d 1888

Machine. 2 Reel.

Turns 520 Cor. 1 39 Depth 559

Shot or lead 35 lbs.

Bottom br. Oz.

Bottom temperature 38.4 (2) corrected

No. of Thermometer 61751 Cor. —

Corrected temperature 38.4

Air 60 Surface 62 Drift. 1/4 mile N.W.

Trawl or dredge or tangles large beam

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

1, 17.45	28.45	0	1.32.00	16-00
18.50	28.00	100	38.00	15-50
19.50	27.20	200	46.00	8-50
21.00	26.40	300	49.30	4-15
22.20	25.55	400	52.50	50.00
23.35	25.00	500	56.40	33.20
		600	2.01.10	26.30
		700	05.20	17.15
		800	08.50	12.20
		900	13.00	7.45
		1000	17.45	3.3.15
		1100	21.45	57.00
		1200	25.20	
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

<i>Towed surface net while going</i>		2500	
		2600	
		2700	
		2800	
		2900	
		3000	
		3100	
		3200	
		3300	
		3400	
		3500	
		3600	
		3700	
		3800	
		3900	
		4000	

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

2872

No. 2872 Date Sept 24th 1888

Tanner Machine. Reel.

Turns 36 Cor. + 2 Depth 38

Shot or lead 25

Bottom gy S.

Bottom temperature 45.5

No. of Thermometer 61751 Cor. —

Corrected temperature 45.5

Air 62 Surface 57 Drift. 4/10 kt. ENE

Trawl or dredge or tangles —

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
7-28-55	7-25-0	36 0	10.09.30	34.30
		100	13.45	30.45
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Sat trawl line.
catch, 2 sharks, 12 crabs

Fished with 3 hand line over ship's side
caught 2 Red Rock Fish

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No.

Date

Machine.

Reel.

Turns 38 Cor. + 2

Depth 40

Shot or lead 25 lbs

Bottom R

Bottom temperature 47.5

No. of Thermometer 61757

Cor. F. 3

Corrected temperature 47.8

Air 61 Surface 54

Drift. 3/10 N.

Trawl or dredge or tangles

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

5-30

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

2-30

36-00 1-4-30

4 red

2 sh

4 red

3 sh

Trawl came up with net

last 1 hour

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No.

2871

Date

Sept 24 '08

Machine.

Reel.

Turns

26

Cor.

Depth

27

Shot or lead

25 lbs

Bottom

R. ind. Sh.

Bottom temperature

50

No. of Thermometer

61757

Cor.

+3

Corrected temperature

50.3

Air

55

Surface

52

Drift. $\frac{2}{10}$ S.E.~~Trawl or dredge or tangles~~

SOUNDING WIRE.

DOWN.

UP.

1-24-35

25-40

TURNS.

DREDGE ROPE.

DOWN.

UP.

0
50
100

24-00

31 30

32-00

35 00

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

King

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

507
W. B.
20

No. *20* Date *Sept 20*

Machine. Reel.

Turns Cor. + Depth *40*

Shot or lead

Bottom

Bottom temperature

No. of Thermometer Cor.

Corrected temperature

Air *55* Surface *52* Drift. *W. N. E.*

~~Trawl or dredge or tangles~~

SOUNDING WIRE.

DOWN. UP.

TURNS.

DREDGE ROPE.

DOWN. UP.

0
25
100
 200
 300
 400
 500
 600
 700
 800
 900
 1000
 1100
 1200
 1300
 1400
 1500
 1600
 1700
 1800
 1900
 2000
 2100
 2200
 2300
 2400

10-00
2-7-50

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 11

Date 7/11/11

Tanner Machine. Reel.

Turns 62 Cor. 4 3 Depth 65

Shot or lead 25 lbs.

Bottom gn. sl.

Bottom temperature 45.8

No. of Thermometer 61751 Cor. —

Corrected temperature 45.8

Air 55 Surface 51 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
111		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

Same position as 2846

No.

2847

Date

Dec 1 1886

Machine.

Reel.

Turns

Cor. +

Depth

59

Shot or lead

Bottom

Bottom temperature

No. of Thermometer

Cor.

Corrected temperature

Air

Surface

Drift.

1/6 in S E x S

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0	11-15-0	15-0
		100	11-6-30	11-12-15
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 2878 Date Sept, 25th, 1887
 Trawl Machine. Reel.
 Turns 63 Cor. + 3 Depth 66
 Shot or lead 25 lbs.
 Bottom P.
 Bottom temperature 45.5
 No. of Thermometer 61751 Cor. —
 Corrected temperature 45.5
 Air 60 Surface 57 Drift 3/10th S.
 Trawl or dredge Langley's Ships

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

2.36.00

38.00

0

3.02.00

18.00

100

06.25

15.15

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

Using life the ship at 2:00 to wit haul line.
 "drift" = 0.00 mch. Shallow, 2 cor more shallow
 5 dog fish, 3 black cod fish.

Towed surface net from 3.05 to 4.07

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

Same position ...

No. 2880. Date Sept. 26th 1881

Machine. Reel.

Turns Cor. + Depth 34

Shot or lead

Bottom R

Bottom temperature

No. of Thermometer Cor.

Corrected temperature

Air Surface Drift. 1/2 m. E. & S.

Trawl or dredge or tangles Trawl

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

0

50

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

110 DOWN.

8-49-0

53-45

6-0

9-3-50

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

Ex noted to date

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

S.S. 1515
 No. *1515* Date *Sept. 29th 1888*
 Tanner Machine. Reel.
 Turns *58* Cor. + *2* Depth *60*
 Shot or lead *25 lbs.*
 Bottom *S. & R.*
 Bottom temperature *45.2*
 No. of Thermometer *61751* Cor.
 Corrected temperature *45.2*
 Air *54* Surface *53* Drift.
 Trawl or dredge or tangles

SOUNDING WIRE.

DOWN.

UP.

A.M.
*10.22.30**24.15*

TURNS.

DREDGE ROPE.

DOWN.

UP.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

Dredge in ship to sea line at 10:30
Cast
halted (blue ice lead)
cord
1-1/2 fath.

Ex. 11.

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

1013

Hyd.
No. 9576 Date Oct. 10

Ganner _____ Machine. _____ Reel. _____

Turns 97 Cor. + 4 Depth 101

~~Shot or lead~~ 25 lbs

Bottom S. G.

Bottom temperature 45.2

No. of Thermometer 61751 Cor. _____

Corrected temperature 45.2

Air 52 Surface 49 Drift. _____

Trawl or dredge or tangles _____

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<u>P.M.</u>				
<u>3.51.30</u>	<u>55.40</u>	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

How many fms to bottom
 1013

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 44 10/9/94 Date Oct 10 1994

Wagon	Machine.	Reel.
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		
11		
12		
13		
14		
15		
16		
17		
18		
19		
20		
21		
22		
23		
24		
25		
26		
27		
28		
29		
30		
31		
32		
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36		
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41		
42		
43		
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46		
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73		
74		
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76		
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78		
79		
80		
81		
82		
83		
84		
85		
86		
87		
88		
89		
90		
91		
92		
93		
94		
95		
96		
97		
98		
99		
100		

Turns 19 Cor. + L Depth 20

~~Shot or lead~~ 25 lbs

Bottom gy. S.

Bottom temperature 52.5

No. of Thermometer 61751 Cor. +.4

Corrected temperature 52.9

Air 60 *Surface* 57 *Drift.*

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
P.M. 1-31-11	3-36-15	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

JLP

No. *1578* Date *Oct. 1/1880*
Tanner Machine. Reel.

Turns *36* Cor. + *2* Depth *38*

~~Shot or lead~~ *25 lbs.*

Bottom *fine g. S.*

Bottom temperature *47*

No. of Thermometer *61757* Cor. *—*

Corrected temperature *47*

Air *61* Surface *56* Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

7 PM
4:36.15

3:15

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

O.P.

No. *1579* Date *Oct. 11th 1898*
Tanner Machine. Reel.

Turns *49* Cor. + *2* Depth *51*

Shot or lead *25 lbs.*

Bottom *fine gy. S.*

Bottom temperature *47*

No. of Thermometer *61751* Cor. *—*

Corrected temperature *47*

Air *61* Surface *58* Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

7.11
5.17.45

19.10

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

Slop

No. 1587 Date Oct. 11th 1883

Tanner Machine. Reel.

Turns 148 Cor. + 5 Depth 153Shot or lead 55 lbsBottom gy. M.Bottom temperature 45No. of Thermometer 61751 Cor. —Corrected temperature 45Air 61 Surface 58 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

5.58.30 6.03.15 0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. *1581* Date *Oct. 11th 1900*
Sigsbee Machine. #2 Reel.

Turns *400* Cor. *1* Depth *713.0*

~~Shot~~ or lead *35 lb.*

Bottom *br. Oz.*

Bottom temperature *39.6*

No. of Thermometer *61751* Cor. *—*

Corrected temperature *39.6*

Air *61* Surface *58* Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

<i>6. 42.45</i>	<i>52.20</i>	<i>0</i>
<i>43.55</i>	<i>51.30</i>	<i>100</i>
<i>45.00</i>	<i>50.40</i>	<i>200</i>
<i>46.10</i>	<i>49.50</i>	<i>300</i>
<i>47.15</i>	<i>48.50</i>	<i>400</i>
		<i>500</i>
		<i>600</i>
		<i>700</i>
		<i>800</i>
		<i>900</i>
		<i>1000</i>
		<i>1100</i>
		<i>1200</i>
		<i>1300</i>
		<i>1400</i>
		<i>1500</i>
		<i>1600</i>
		<i>1700</i>
		<i>1800</i>
		<i>1900</i>
		<i>2000</i>
		<i>2100</i>
		<i>2200</i>
		<i>2300</i>
		<i>2400</i>

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. *1582* Date *Oct. 11th 1885**Tanner* Machine. Reel.Turns *78* Cor. *1* Depth *78*Shot or lead *25 lbs.*Bottom *fine sh. s.*Bottom temperature *44.8*No. of Thermometer *61751* Cor. *—*Corrected temperature *44.8*Air *61* Surface *58* Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DREDGE ROPE.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>P.M.</i> <i>7.38.00</i>	<i>41.00</i>	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

11.413

No. *1563* Date *Dec. 11/11**Sigsbee* Machine. Reel.Turns *53* Cor. + *2* Depth *55*~~Shot or lead~~ *25 lbs.*Bottom *bk. S.*Bottom temperature *47*No. of Thermometer *51071* Cor. *—*Corrected temperature *47*Air *61* Surface *58* Drift.~~Trawl or dredge or tangles~~

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>8-22.25</i>	<i>24.15</i>	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

507
Lat. 53

No. 1564 Date Oct 11 188

Tanner Machine. Reel.

Turns 38 Cor. + 2 Depth 40

Shot or lead 25 lb

Bottom br M.

Bottom temperature 47.5

No. of Thermometer 6571 Cor. + .4

Corrected temperature 47.9

Air 60 Surface 58 Drift.

Trawl or dredge or trawls

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
P. 77 9.10.00	11 15	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. *Hyd 1585* Date *Oct. 11" 1888**Tanner* Machine. Reel.Turns *59* Cor. *2* Depth *59*Shot or lead *25 lb*Bottom *fm br. s*Bottom temperature *47*No. of Thermometer *61571* Cor. *—*Corrected temperature *47*Air *60* Surface *58* Drift.

Trawl or dredge or tangles

12 M SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

9.59.45 10.1.10

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

Lonsdale F13

No. 1581 Date Oct 11th 1881

Tanner Machine. Reel.

Turns 75 Cor. + 3 Depth 78

Shot or lead 25 lb.

Bottom fine gk.

Bottom temperature 46.5

No. of Thermometer 571 Cor. —

Corrected temperature 46.5

Air 58 Surface 57 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

10. 52.45 56.45 0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. *1755 Sp* Date *June 11 1885*
Tanner Machine. Reel.
 Turns *218* Cor. *1* Depth *219*
 Shot or lead *25-lbs*
 Bottom *bu M*
 Bottom temperature *42.5*
 No. of Thermometer *61571* Cor. *—*
 Corrected temperature *42.5*
 Air *58* Surface *59* Drift.
 Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>P.M.</i>				
<i>11. 11. 31</i>	<i>5. 5. 30</i>	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 1448 Date Oct. 13 1888

Tanner Machine. Reel.

Turns 70 Cor. + 3 Depth 73

Shot or lead 25 lbs.

Bottom fine gy. s

Bottom temperature 45.1

No. of Thermometer 61571 Cor. —

Corrected temperature 45.1

Air 59 Surface 59 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

TURNS.

DREDGE ROPE.

DOWN.

UP.

DOWN.

UP.

6-58-0

7-0-0

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

507
[Handwritten marks]

No. *1589* Date *Oct 13th 1888*

208 Machine. Reel.

Turns *79* Cor. + *3* Depth *82*

~~Shot or lead~~ *25 lbs*

Bottom *fine gy S.*

Bottom temperature *45.6*

No. of Thermometer *61541* Cor. *-----*

Corrected temperature *45.8*

Air *57* Surface *57* Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>1 W</i>		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. *1590* Date *Oct. 3, 1888*
Tanner Machine. Reel.

Turns *92* Cor. + *4* Depth *96*

Shot or lead *25 lbs*

Bottom *br S*

Bottom temperature *46*

No. of Thermometer *61751* Cor. *—*

Corrected temperature *46*

Air *58* Surface *56* Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DOWN.

UP.

8 38-00 *41.00*

TURNS.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

DREDGE ROPE.

DOWN.

UP.

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

SLP

No. *N. 1591* Date *Oct 13th 1885*
 Tanner Machine. Reel.

Turns *199* Cor. *5* Depth *199*

~~Shot or lead~~ *25 lbs*

Bottom *gy. Oz.*

Bottom temperature *43.8*

No. of Thermometer *61751* Cor.

Corrected temperature *43*

Air *58* Surface *56* Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

A.M. DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

9.26.30

32.00

0

17.20

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

SLP

No. *Hyd 1592* Date *Oct, 13th 1881**Tanner* Machine. Reel.Turns *169* Cor. *1* *5* Depth *174*~~Shot or lead~~ *5 lb.*Bottom *gy Oz.*Bottom temperature *44.2*No. of Thermometer *61751* Cor. *—*Corrected temperature *44.2*Air *60* Surface *61* Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

*AM, 10, 18.30**25.00**0**19.20**22.00**100**200**300**400**500**600**700**800**900**1000**1100**1200**1300**1400**1500**1600**1700**1800**1900**2000**2100**2200**2300**2400*

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

S.S.P.

No. *Hyd 1593* Date *Oct, 13th 1888**figure* Machine. Reel.Turns *560* Cor. *41* Depth *601*Shot or lead *35 lb*Bottom *br. Oz.*Bottom temperature *38.8*No. of Thermometer *61751* Cor. *—*Corrected temperature *38.8*Air *62* Surface *62* Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

TURNS.

DREDGE ROPE.

DOWN.	UP.		DOWN.	UP.
<i>11.35.00</i>	<i>48.50</i>	0		
<i>36.20</i>	<i>47.35</i>	100		
<i>37.30</i>	<i>46.50</i>	200		
<i>38.30</i>	<i>46.00</i>	300		
<i>39.40</i>	<i>45.15</i>	400		
<i>40.50</i>	<i>44.20</i>	500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

*case of thermometer
carried away.*

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

507 15

No. *Hyd.* 1544 Date *Oct 11*
Sigsbee Machine. *2* Reel.
 Turns *94* Cor. + *8* Depth *102*
 Shot or lead *138 lbs.*
 Bottom *bk. S.*
 Bottom temperature *45.8*
 No. of Thermometer *51451* Cor. + *1*
 Corrected temperature *45.9*
 Air *64* Surface *60* Drift.
 Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>P. M.</i> <i>30.55</i>	<i>34.10</i>	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No.

Date

Machine.

Reel.

Turns *75* Cor. + *3* DepthShot or lead *25 lb.*Bottom *fine sh. S.*Bottom temperature *46*No. of Thermometer *51451* Cor. *7.1*Corrected temperature *46.1*Air *64* Surface *64* Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

0.15. 00

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No.

2

Date

Oct. 13

Tanner

Machine.

Reel.

Turns

65

Cor. +

3

Depth

68

Shot or lead

25 lbs

Bottom

gy. s.

Bottom temperature

45.5

No. of Thermometer

51541

Cor. +

.1

Corrected temperature

45.9

Air

64

Surface

60

Drift. 1 m. N.

Trawl or dredge or tangles

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

0

100

200

220

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

15.35

19.5

19.40

50.16

25.22

46.6

Can. to 11 days fish 4-1-11 11 days

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

1141

No. 141 1595 Date Oct 13th 1888

Machine. Reel.

Turns 78 Cor. + 3 Depth 81

Shot or lead 25 lbs.

Bottom fine ss

Bottom temperature 46.5

No. of Thermometer 51541 Cor. +.1

Corrected temperature 46.6

Air 62 Surface 60 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
P.M. 4-46-0	4-18-0	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. *Hy 1591* Date *Oct 13th 11*
Tanner Machine. Reel.

Turns *225* Cor. + *6* Depth *231*

Shot or lead *25 lbs.*

Bottom *blw m*

Bottom temperature *43*

No. of Thermometer *51541* Cor. *+1*

Corrected temperature *43.1*

Air *58* Surface *57* Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>5-35-30</i>	<i>42-20</i>	0		
<i>36-30</i>	<i>40-20</i>	100		
<i>37-45</i>	<i>538-45</i>	200		
<i>38-10</i>	<i>5-38-10</i>	25 300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. *Hy. 15-91* Date *Oct 1, 1891*

Machine. Reel. *2*

Turns *590* Cor. *1 31* Depth *1121*

Shot or lead *35 lbs.*

Bottom *br oz*

Bottom temperature *39.2*

No. of Thermometer *51541* Cor. *+1*

Corrected temperature *39.8*

Air *57* Surface *57* Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

<i>6-36-45</i>	<i>49-10</i>	<i>0</i>
<i>38-10</i>	<i>48-5</i>	<i>100</i>
<i>40-25</i>	<i>47-20</i>	<i>200</i>
<i>41-40</i>	<i>46-35</i>	<i>300</i>
<i>43-0</i>	<i>6-46-0</i>	<i>400</i>
		<i>500</i>
		<i>600</i>
		<i>700</i>
		<i>800</i>
		<i>900</i>
		<i>1000</i>
		<i>1100</i>
		<i>1200</i>
		<i>1300</i>
		<i>1400</i>
		<i>1500</i>
		<i>1600</i>
		<i>1700</i>
		<i>1800</i>
		<i>1900</i>
		<i>2000</i>
		<i>2100</i>
		<i>2200</i>
		<i>2300</i>
		<i>2400</i>

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

118

No. *Hy. 1598* Date *Oct. 13/88*

Wiggin Machine. Reel. *5*

Turns *440* Cor. + *35* Depth *475*

Shot or lead *35 lbs*

Bottom *gy ag*

Bottom temperature *39.5*

No. of Thermometer *51541* Cor. + *1*

Corrected temperature *39.6*

Air *57* Surface *56* Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>7-46-45</i>	<i>59-0</i>	0		
<i>48-30</i>	<i>58.20</i>	100		
<i>49-50</i>	<i>57-55</i>	200		
<i>51-20</i>	<i>56-50</i>	300		
<i>52-45</i>	<i>56-05</i>	400		
<i>53-10</i>	<i>7-55-45</i>	500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

S. L. 2

No. *1600* Date *Oct. 13. 1883*
Sigsbee Machine. Reel.
 Turns *470* Cor. *1* *36* Depth *506*
 Shot ~~and lead~~ *35 lbs.*
 Bottom *br. G.*
 Bottom temperature *37.2*
 No. of Thermometer *51541* Cor. *+1*
 Corrected temperature *39.3*
 Air *56* Surface *56* Drift.
 Trawl or dredge or tangles

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

<i>7.01.15</i>	<i>12.30</i>	0
<i>02.30</i>	<i>11.25</i>	100
<i>03.55</i>	<i>10.45</i>	200
<i>05.15</i>	<i>10.00</i>	300
<i>06.25</i>	<i>09.15</i>	400
		500
		600
		700
		800
		900
		1000
		1100
		1200
		1300
		1400
		1500
		1600
		1700
		1800
		1900
		2000
		2100
		2200
		2300
		2400

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. *2004*

Date

Oct. 18th 1888

Machine. Reel.

Turns *28* Cor. *+1*Depth *29*Shot or lead *25 lb*

Bottom

Bottom temperature *50.1*No. of Thermometer *61590* Cor. *+1*Corrected temperature *50.2*Air *62* Surface *60* Drift. *2m SSE.*Trawl or dredge or tangles *Ship's.*

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

*2. 54.00**57.00**0**12**14.15**6.00**03.00**12.30*

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

107
1873

No. 2884

Date Oct 8 1873

Machine. Reel.

Turns Cor. + Depth

Shot or lead

Bottom

Bottom temperature

No. of Thermometer Cor.

Corrected temperature

Air 62 Surface 60 Drift. $\frac{1}{4}$ m. N. by E.

Trawl or dredge or tangles Shells

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0	3.16.40	38.15
		60	20.35	36.20
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. *26* Date *Oct. 1 1886**Tanner* Machine. Reel.Turns *29* Cor. + *1* Depth *30*Shot or lead *25 lbs.*Bottom *fine gr.*Bottom temperature *49*No. of Thermometer *61590* Cor. *+1*Corrected temperature *49.1*Air *62* Surface *60* Drift. *1/2 mile NW*~~Trawl or dredge or tangles~~ *Ship*

SOUNDING WIRE.

TURNS.

P.W. DREDGE ROPE.

DOWN.

UP.

DOWN.

UP.

P.W. *3.41* *B. 43.40**13.45**4-11-40*

0

50

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

JXP

No. *Hyd 1601* Date *Oct 19th 1888*
Tanner Machine. Reel.

Turns *54* Cor. + *2* Depth *56*

~~Shot or lead~~ *25 lbs.*

Bottom *M.*

Bottom temperature *47*

No. of Thermometer *61590* Cor. *+ .1*

Corrected temperature *47.1*

Air *57* Surface *57* Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

TURNS.

DREDGE ROPE.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>A.M.</i>				
<i>6.40.00</i>	<i>42.00</i>	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

SLP

No. *1602* Date *Oct. 19th 1883*
Tanner Machine. Reel.

Turns *49* Cor. + *2* Depth *51*

~~Shot or lead~~ *25 lbs*

Bottom *crs bk S.*

Bottom temperature *47.5*

No. of Thermometer *61590* Cor. + *1*

Corrected temperature *47.6*

Air *57* Surface *57* Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DOWN.

UP.

*A.M.**7.06.30.**08.10*

TURNS.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

DREDGE ROPE.

DOWN.

UP.

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

Tanner Machine. Reel.

~~Shot or lead~~ 25 lbs.

Bottom *rk*

Bottom temperature 48

No. of Thermometer 61590 Cor. +.1

Corrected temperature 48.1

Air 57 Surface 57 Drift. SSW $3\frac{1}{2}$ miles

Trawl or dredge or tangles.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
7.31.00	32.15	0	7.55	17.45
		70		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURE

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No.

2887

Date

Tanner

Machine.

Reel.

Turns 40 Cor. + 2 Depth 42

Shot or lead 25-lbs.

Bottom G.P.

Bottom temperature 47

No. of Thermometer 51590 Cor. +.1

Corrected temperature 47.1

Air 60 Surface 59 Drift. 4/10 SW

Trawl or dredge or tangles large beam

SOUNDING WIRE.

TURNS.

DREDGE ROPE.

DOWN.

UP.

DOWN.

UP.

9 19.00

21.11

80

+100

4.26

321

49.30

46.30

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

507 7:13.

No. 2088

Date Oct 1 1881

Tanner Machine. Reel.

Turns 39 Cor. + 2 Depth 41

Shot or lead 25 lbs.

Bottom G. S.

Bottom temperature 47.5

No. of Thermometer 61570 Cor. + 1

Corrected temperature 47.6

Air 60 Surface 59 Drift, No CC

Trawl or dredge or tangles

SOUNDING WIRE.

6:57 DOWN.
9:53.

UP.

1:55

TURNS.

- 0
- 100
- 200
- 300
- 400
- 500
- 600
- 700
- 800
- 900
- 1000
- 1100
- 1200
- 1300
- 1400
- 1500
- 1600
- 1700
- 1800
- 1900
- 2000
- 2100
- 2200
- 2300
- 2400

DREDGE ROPE.

DOWN.

UP.

10:01.00
10:05.00 08.00

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. *1119* Date*Tanner* Machine. Reel.Turns *4* Cor. *1* Depth~~Shot or lead~~ *25 lbs.*Bottom *6. St.*Bottom temperature *47.6*No. of Thermometer *61590* Cor. *+1*Corrected temperature *47.7*Air *59* Surface *57* Drift. *4/1022. N 77*Trawl or dredge or trawls *11.7*

SOUNDING WIRE.

TURNS.

DREDGE ROPE.

DOWN.

UP.

DOWN.

UP.

<i>AM</i>				
<i>10.41</i>	<i>10.43</i>	<i>0</i>	<i>10.42</i>	<i>"</i>
		<i>100</i>	<i>46</i>	<i>11.02</i>
		<i>200</i>		
		<i>300</i>		
		<i>400</i>		
		<i>500</i>		
		<i>600</i>		
		<i>700</i>		
		<i>800</i>		
		<i>900</i>		
		<i>1000</i>		
		<i>1100</i>		
		<i>1200</i>		
		<i>1300</i>		
		<i>1400</i>		
		<i>1500</i>		
		<i>1600</i>		
		<i>1700</i>		
		<i>1800</i>		
		<i>1900</i>		
		<i>2000</i>		
		<i>2100</i>		
		<i>2200</i>		
		<i>2300</i>		
		<i>2400</i>		

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

J. B.

No. 47 Date Oct 1/ 1881

Tanner Machine. Reel.

Turns 88 Cor. + 3 Depth 91

Shot or lead 25 lbs

Bottom br. S. W.

Bottom temperature 46

No. of Thermometer 61590 Cor. + .2

Corrected temperature 46.2

Air 60 Surface 58 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DREDGE ROPE.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
11.52	11.55	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

Date _____

Machine.

Recl.

Depth 56.5

Bottom 94 m

Bottom temperature 38.5

No. of Thermometer 61590 Cor. +.2

Corrected temperature 38.7

Air 60 Surface 58 Drift.

Trawl or dredge or tangles

P. W. SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
12	32-21	0		
11-45	31-45	100		
10-45	30-45	200		
9-45	29-45	300		
8-45	28-45	400		
7-45	27-45	500		
		550		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

0749.
 No. *1605* Date *Oct 19th 88.*
Digby Machine. Reel. *#2*

Turns *330* Cor. + *25* Depth *355*

Shot or lead *35 lbs.*

Bottom *tk S.*

Bottom temperature *40.1*

No. of Thermometer *61590* Cor. *+2*

Corrected temperature *40.3*

Air *60* Surface *59* Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>Q. W.</i> <i>1-14-0</i>		0		
<i>15-0</i>	<i>2 1/2 min</i>	100		
<i>16-0</i>	<i>3 1/2 min</i>	200		
<i>17-0</i>		300		
		350		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. *1600* Date *Oct. 17th 18.*
Machine. Reel. *2*
 Turns *278* Cor. *1* *31* Depth *294*
 Shot or lead *35 lbs*
 Bottom *gy l*
 Bottom temperature *41.9*
 No. of Thermometer *61590* Cor. *+ 2*
 Corrected temperature *42.1*
 Air *60* Surface *59* Drift.
 Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>P.W</i> <i>2-11-0</i>	<i>11-40</i>	0		
<i>5-0</i>	<i>10-50</i>	100		
<i>6-0</i>	<i>10-0</i>	200		
<i>7-0</i>	<i>7-9-30</i>	<i>278</i> 300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS,

507
+ SLP

No. 2500 Date October 10 1881.
 Tanner Machine. Reel.

Turns 271 Cor. + 6 Depth 277
~~Shot or lead~~ 25 lb

Bottom gy. l.

Bottom temperature 42

No. of Thermometer 61570 Cor. T. 2

Corrected temperature 42.2

Air 62 Surface 59 Drift. 2 1/4 mi SSE

Trawl or dredge or tangles large beams

P. 40. SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
53-0	59-50	0	2 58 15	24.30
53-15	57-55	100	3- 1-30	21.30
54-40	56-10	200		18.35
55-30		7'	11 0	15.40
		300	12 0	12.40
		400	17 0	09.40
		500	22 0	06.00
		600	26 15	4.03.40
		650		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Ex. noted to 1000

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. *2891* Date *Jan 5 1898**Sigsbee* Machine. *2* Reel.Turns *217* Cor. *-16* Depth *233*Shot or lead *38*Bottom *Mm*Bottom temperature *45*No. of Thermometer *61593* Cor. *+1*Corrected temperature *45.1*Air *56* Surface *57* Drift. / m. *E & S*Trawl or dredge or tangles *Long*

SOUNDING WIRE.

DOWN.	UP.
<i>6.31.30</i>	<i>45.20</i>
<i>38.10</i>	<i>44.40</i>
<i>39.20</i>	<i>44.40</i>

TURNS.

0
100
200
300
400
<i>450</i>
<i>500</i>
600
700
800
900
1000
1100
1200
1300
1400
1500
1600
1700
1800
1900
2000
2100
2200
2300
2400

DREDGE ROPE.

DOWN.	UP.
<i>6.31.30</i>	<i>49.00</i>
<i>38.10</i>	<i>45.00</i>
<i>39.20</i>	<i>41.50</i>
<i>5.40</i>	<i>38.10</i>
<i>9.20</i>	<i>35.00</i>
<i>11.20</i>	<i>32.10</i>

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

2892

No. *2892* Date *Jan 5/89*

Machine. *Reel.* *2*

Turns *263* Cor. + *21* Depth *284*

Shot or lead *38 lbs.*

Bottom *gl. m.*

Bottom temperature *44*

No. of Thermometer *61593* Cor. + *1*

Corrected temperature *44.1*

Air *56* Surface *57* Drift, S. S. E. *2 m.*

Trawl or dredge or tangles *13*

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

<i>9-10-0</i>	<i>20-0</i>	<i>0</i>	<i>9-25-0</i>	<i>53.30</i>
<i>9-11-0</i>	<i>18-0</i>	<i>100</i>	<i>30-0</i>	<i>50.20</i>
<i>14-0</i>	<i>17-0</i>	<i>200</i>	<i>35-0</i>	<i>47.00</i>
<i>14-0</i>	<i>15-0</i>	<i>63</i>	<i>39-0</i>	<i>43.50</i>
		<i>400</i>	<i>42-30</i>	<i>40.25</i>
		<i>500</i>	<i>47-0</i>	<i>36.45</i>
		<i>600</i>	<i>49-0</i>	<i>33.50</i>
		<i>700</i>		
		<i>800</i>		
		<i>900</i>		
		<i>1000</i>		
		<i>1100</i>		
		<i>1200</i>		
		<i>1300</i>		
		<i>1400</i>		
		<i>1500</i>		
		<i>1600</i>		
		<i>1700</i>		
		<i>1800</i>		
		<i>1900</i>		
		<i>2000</i>		
		<i>2100</i>		
		<i>2200</i>		
		<i>2300</i>		
		<i>2400</i>		

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

507
Wm. S. Sigsbee

No. 2893 Date Jan. 5 1889
Machine Sigsbee Reel.

Turns 135 Cor. + 10 Depth 145

Shot or lead 38 lbs.

Bottom fine gray sand. Muck.

Bottom temperature 48.1/2

No. of Thermometer 615-9.2 Cor. +.1

Corrected temperature 48.6

Air 60 Surface 59 Drift. S. 8.1/2 E. 1 mi.

Trawl or dredge or tangles large beam

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
00. m.	01. m.		07. m.	04. m.
11. 11	11. 17.30	0	11. 21	11. 57
11. 13	11. 18	100	11. 21	11. 55
11. 16	11. 17	135	11. 31	11. 52
		200	11. 34	
		250	11. 37	11. 50
		300		
		400		
		500		
		600		
		700		
fine gray sand		800		
red.		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 2894

Date Jan. 5th 1889

Tanner Machine. Reel.

Turns 51 Cor. + 2 Depth 53

Shot or lead 25

Bottom Bk Shd.

Bottom temperature 55.6

No. of Thermometer 615.93 Cor. $\neq 0$

Corrected temperature 55.6

Air 62. Surface 60 Drift. $\frac{1}{2}$ h. h. h. e.

Trawl or dredge or tangles Skip.

SOUNDING WIRE.

TURNS.

DREDGE ROPE.

DOWN.

UP.

DOWN.

UP.

J. M.

12.41

12.41

0

12.52.30

1.9.30

1.5.2

12.42

95

12.56.10

1.18

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

and Sounding.

No. 2895

Same Position as 2894

No. 2895 Date Jan. 5th 1887

Machine. Reel.

Turns Cor. + Depth

Shot or lead

Bottom

Bottom temperature

No. of Thermometer Cor.

Corrected temperature

Air 62 Surface 60 Drift.

~~Trawl or dredge or tangles~~

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

Set trawl line at 150 fms.
Caught 4 Red Rock Fish

0
75

1.15.30

1.35.00

1.20.30

1.28.10

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

507

No. 1607 Date 6. 11. 1881

Machine. 2 Reel.

Turns 210 Cor. + 16 Depth 226

Shot or lead 38 lbs

Bottom gy S

Bottom temperature 46.2

No. of Thermometer 615703 Cor. + .1

Corrected temperature 46.3

Air 64 Surface 59 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DOWN.	UP.
4.5.20	11.25
6.58	10.30
8.10	9.25

TURNS.

0
100
200
300
400
500
600
700
800
900
1000
1100
1200
1300
1400
1500
1600
1700
1800
1900
2000
2100
2200
2300
2400

DREDGE ROPE.

DOWN. UP.

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. *2530* Date *Jan 11*
Tanner Machine. *(J)* Reel. *1*

Turns *368* Cor. + *8* Depth *376*

Shot or lead *25 lbs*

Bottom *gy. m.*

Bottom temperature *42.2*

No. of Thermometer *61593* Cor. *+ .1*

Corrected temperature *42.8*

Air *59* Surface *59* Drift.

Trawl or dredge or tangles *Larson B.*

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>49-45</i>	<i>7.30</i>	<i>0</i>	<i>7-3-20</i>	<i>56.10</i>
<i>51-0</i>	<i>4-0</i>	<i>100</i>	<i>10-45</i>	<i>50.20</i>
<i>52-10</i>	<i>7-01-20</i>	<i>200</i>	<i>14-40</i>	<i>46.14</i>
<i>54-0</i>	<i>57.45</i>	<i>300</i>	<i>18-20</i>	<i>27.30</i>
		<i>400</i>		
		<i>500</i>	<i>25-15</i>	<i>8.04.15</i>
		<i>600</i>	<i>29-15</i>	<i>59.05</i>
		<i>700</i>	<i>32-0</i>	<i>7.51.30</i>
		<i>800</i>		
		<i>900</i>		
		<i>1000</i>		
		<i>1100</i>		
		<i>1200</i>		
		<i>1300</i>		
		<i>1400</i>		
		<i>1500</i>		
		<i>1600</i>		
		<i>1700</i>		
		<i>1800</i>		
		<i>1900</i>		
		<i>2000</i>		
		<i>2100</i>		
		<i>2200</i>		
		<i>2300</i>		
		<i>2400</i>		

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 2897

Date Jan. 6. 1889

Sigsbee Machine. Reel.

Turns 192. Cor. + 5

Depth 197.

Shot or lead 25.

Bottom Rky.

Bottom temperature 47.

No. of Thermometer 61595 Cor. +.1

Corrected temperature 47.1

Air 66 Surface 61 Drift. 0

~~Trawl or dredge or tangles~~

SOUNDING WIRE.

TURNS.

DREDGE ROPE.

DOWN.

UP.

DOWN.

UP.

a.m.	DOWN.	UP.	TURNS.	a.m.	DOWN.	UP.
9. 30.00		9. 45.10	0	9. 30.00		10. 37.15
39.30		9. 42.20	100	10. 01.30		10. 37.15
9. 41.0		9. 40.30	192	10. 06.20		10. 30.30
			300	16. 10. 30		10. 30.30
			400			
			500			
			600			
			700			
			800			
			900			
			1000			
			1100			
			1200			
			1300			
			1400			
			1500			
			1600			
			1700			
			1800			
			1900			
			2000			
			2100			
			2200			
			2300			
			2400			

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

Date: _____

Sanner

Machine.

Récl.

Turns 153

Cor. +

5

Depth

155

Shot or lead 25-

Bottom

Bottom temperature

lost.

No. of Thermometer

Cor.

Corrected temperature

Air 66

Surface 6/

Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
1- 1-45	11.07.20	19.0	11.08.10	11.27.30
3- 15	11.4.38	100	11.11.30	11.27.30
4- 0	11-4-30	150	11.14.20	11.27.30
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER. °	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 1879

Date

July 1, 1897

Tanner Machine. Reel.

Turns 42 Cor. + 2 Depth 44

Shot or lead 25

Bottom gy S. brk Sh.

Bottom temperature 21.00

No. of Thermometer 61592 Cor.

Corrected temperature nm

Air 62 Surface 59 Drift.

Trawl or dredge or tangles Large Beam

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
P. M. DOWN.	UP.		P. M. DOWN.	UP.
1.08 10	10.40	0	1:15.00	10.40
		100	20.10	3.7
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 274

Date Jan 1 1887

Sigsbee Machine. Reel.

Turns 12 Cor. + 1 Depth 13

Shot or lead 28

Bottom Sand.

Bottom temperature

No. of Thermometer } Cor.

Corrected temperature }

Air 59 Surface 58 Drift. 0

Trawl or dredge or tangles Shrimp

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
11.59.6	12.00	0	12.01.10	12.10.40
11.59.18	11.59.20	100	12.2.10	12.9.10
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 2901

Date

7

Tanner

Machine.

Reel.

Turns 46 Cor. + 2

Depth 48

Shot or lead

Bottom gy s. m.

Bottom temperature

55

No. of Thermometer

61598

Cor. +.1

Corrected temperature

55.1

Air 59

Surface

58

Drift. $\frac{3}{4}$ m 71 S. 71

Trawl or dredge or tangles

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

12.40.20

41.55

0

12.42.50

1.00.00

100

46.25

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

507
imdb. 13
aut. 13

No. *2902* Date *Jan. 7* 1880

Sigsbee Machine. ☒ Reel.

Turns *49* Cor. + *4* Depth *53*

Shot or lead *25-*

Bottom *fine gy S. m.*

Bottom temperature *45*

No. of Thermometer *617.5-5* Cor. \neq 0

Corrected temperature *45*

Air *60* Surface *59* Drift. *9/13 N*

Trawl or dredge or tangles *S*

SOUNDING WIRE.

TURNS.

DREDGE ROPE.

DOWN.	UP.		DOWN.	UP.
<i>1.3.30</i>	<i>1.05</i>	0	<i>1.3</i>	<i>1.0</i>
<i>1.3.49</i>	<i>1.3.49</i>	100	<i>1.10.50</i>	<i>1.26</i>
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

lost

24

28.2

Then lost

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 2903 Date Jan 11

Machine. Sigsbee Recd.

Turns 218 Cor. + 216 Depth 332

Shot or lead 25 lbs.

Bottom G. M.

Bottom temperature 43.5

No. of Thermometer 61755 Cor. ± 0

Corrected temperature 43.5

Air 60 Surface 67 Drift. 11-17

Trawl or dredge or tangles

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

24-0	29-	100	39-10	46-15
25-10	28-0	200	44-5	43-15
	27-0	300		40-15
		400		37-15
		500		34-15
		600		31-15
		700		28-15
		800		25-15
		900		22-15
		1000		19-15
		1100		16-15
		1200		13-15
		1300		10-15
		1400		7-15
		1500		4-15
		1600		1-15
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No.

904

Date

Jan 7/88

Machine. S. Reel.

Turns 290 Cor. + 24

Depth 314

Shot or lead 35 lbs

Bottom

M. W.

Bottom temperature

11.57

No. of Thermometer 61405 Cor. ± 0

Corrected temperature 43.7

Air

Surface

Drift 1/4 mi

Trawl or dredge or tangles

21

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

30-15

37-10

100

47-0

641-05

200

290

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

56-30

57-25

5. 00. 00

48-0

5. 02. 40

5-42-30

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 9903 Date Jan. 8th 1889

Machine. Reel.

Turns 95 Cor. + 0 Depth 95

Shot or lead 35

Bottom Rky.

Bottom temperature

No. of Thermometer Cor.

Corrected temperature

Air Surface Drift.

Trawl or dredge or tangles Shi.

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

0

100

150

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

6.41.50

6.41.50

6.41.10

7.11.30

7.04.05

7.01.10

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25		.		
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 2906 Date Jan. 8. 188.

Sigsby Machine. Reel.

Turns 96 Cor. + 096 Depth 26

Shot or lead 35.

Bottom S. M.

Bottom temperature 53.5

No. of Thermometer 6755 Cor. ± 0

Corrected temperature 53.5

Air 57 Surface 58 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
7.11.10	7.18.20	0	29.10	7.18.10
7.17.14	7.17.35	100	7.22	7.17.35
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 25 Date Jan. 8th 1887Sigsbee Machine. 2 Reel.Turns 210 Cor. + 4 Depth 414Shot or lead 25Bottom fine gy. s.Bottom temperature 59.1No. of Thermometer 61755 Cor. ± 0 Corrected temperature Air 57 Surface 58 Drift. 3/10 mTrawl or dredge or tangles large B.C.

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

7.48.00	7.48.00	0	7.48.00	7.48.00
7.49.30	7.49.40	100	7.49.30	7.49.30
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No.

2708

Date

1881

Machine.

Machine.

Reel.

Turns

29

Cor. +

2

Depth

31

Shot or lead

38 lbs

Bottom

gy S brk sh

Bottom temperature

~~59.5~~

No. of Thermometer

61755

Cor.

Corrected temperature

Air

57

Surface

58

Drift.

3/4 m N x W

Trawl or dredge or tangles

Large Beam

SOUNDING WIRE.

TURNS.

DREDGE ROPE.

DOWN.

UP.

DOWN.

UP.

29.20

31.00

0

75

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

33.55

54.15

36.00

52.40

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 1608 Date Jan 8 1888

Tanner Machine. Reel.

Turns 20 Cor. + 1 Depth 21

Shot or lead 25 lb

Bottom gy S M. bk S

Bottom temperature

No. of Thermometer none Cor.

Corrected temperature

Air Surface Drift.

~~Trawl or dredge or tangles~~

SOUNDING WIRE.

TURNS.

DREDGE ROPE.

DOWN.

UP.

DOWN.

UP.

8-55-00

8-55-20

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

haul lines
 4 haul lines
 2 ip

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 2909 Date Jan 6 1881Sigsbee Machine. 2 Reel.Turns 190 Cor. + 15 Depth 205Shot or lead 38 lb.Bottom gn. M.Bottom temperature 45.2No. of Thermometer 61755 Cor. ± 0Corrected temperature 45.2Air 57 Surface 59 Drift. 1/2 m E 1/2 ETrawl or dredge or tangles furace beam

SOUNDING WIRE.

O. M. DOWN.

UP.

12. 14. 40

16. 00

20. 15

19. 05

TURNS.

Now DOWN.

UP.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

DREDGE ROPE.

Now DOWN.

UP.

14. 00

30-0

33-20

39-35

41. 15

11-35

8-30

5-30

02-30

1-00

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. *2910*Date *Jan 18*

Machine.

Reel. *2*Turns *21*Cor. *+*Depth *21*Shot or lead *38 lbs.*Bottom *gn. cl.*Bottom temperature *45.2*No. of Thermometer *6755*Cor. ± 0 Corrected temperature *45.2*Air *60*Surface *61*Drift. *3 1/2 mi. S. 1/2 E.*Trawl or dredge or tangles. *Beam*

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

<i>P. W.</i>					
<i>4-51-40</i>	<i>51-15</i>	0	<i>2-53-30</i>	<i>4.17.20</i>	
<i>51-55</i>	<i>55-50</i>	100	<i>3-50</i>	<i>4.11.30</i>	
<i>53-30</i>	<i>2-54-15</i>	200	<i>5-15</i>	<i>47-10</i>	
<i>55-10</i>		300	<i>11-30</i>	<i>41-0</i>	
		400	<i>15-0</i>	<i>3-35-45</i>	
		500			
		600			
		700			
		800			
		900			
		1000			
		1100			
		1200			
		1300			
		1400			
		1500			
		1600			
		1700			
		1800			
		1900			
		2000			
		2100			
		2200			
		2300			
		2400			

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

507
2.1.16

No. 1607 Date Jan 15

Sigsbee Machine. Reel.

Turns 90 Cor. 1 Depth 17

Shot or lead 38 lbs.

Bottom y. M.

Bottom temperature 53

No. of Thermometer 61755 Cor. ± 0

Corrected temperature 53

Air 57 Surface 59 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
S.M. 4		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 610

Date Jan 15 1861

Sigsbee Machine. Reel.

Turns 300 Cor. 1 24 Depth 324

Shot or lead 38 lbs

Bottom gl. M

Bottom temperature 43

No. of Thermometer 61755 Cor. ± 0

Corrected temperature 43

Air 57 Surface 59 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

TURNS.

DREDGE ROPE.

DOWN.

UP.

DOWN.

UP.

P.M.

5:40

3:40

0

5:45

3:45

100

5:50

3:50

200

5:55

3:55

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

178
 No. *141* 1611 Date *Jan 15* 1877
Sigsbee Machine. Reel.
 Turns *615* Cor. + *45* Depth *660*
 Shot or lead *38 lbs*
 Bottom *br gy.*
 Bottom temperature *38.7*
 No. of Thermometer *61755* Cor. *0*
 Corrected temperature *38.7*
 Air *56* Surface *59* Drift.
 Trawl or dredge or tangles

P.M. SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>6.2.5</i>	<i>42.10</i>	0		
<i>22.40</i>	<i>41.15</i>	100		
<i>24.30</i>	<i>40.25</i>	200		
<i>26.5</i>	<i>39.25</i>	300		
<i>27.35</i>	<i>38.15</i>	400		
<i>29.15</i>	<i>36.40</i>	500		
<i>30.15</i>	<i>35.30</i>	600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. *11612* Date *May 15 1897*
Sigsbee Machine. Reel. *2*
 Turns *245* Cor. *1 30* Depth *260*
 Shot or lead *35 lb.*
 Bottom *Rky.*
 Bottom temperature *44.5*
 No. of Thermometer *61755* Cor. *± 0*
 Corrected temperature *44.5*
 Air *56* Surface *59* Drift.
 Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>8-10-</i>	<i>14</i>	<i>0</i>		
<i>11-</i>	<i>13</i>	<i>100</i>		
<i>12-</i>	<i>12</i>	<i>200</i>		
<i>13-10</i>	<i>8-11</i>	<i>46</i> <i>300</i>		
		<i>400</i>		
		<i>500</i>		
		<i>600</i>		
		<i>700</i>		
		<i>800</i>		
		<i>900</i>		
		<i>1000</i>		
		<i>1100</i>		
		<i>1200</i>		
		<i>1300</i>		
		<i>1400</i>		
		<i>1500</i>		
		<i>1600</i>		
		<i>1700</i>		
		<i>1800</i>		
		<i>1900</i>		
		<i>2000</i>		
		<i>2100</i>		
		<i>2200</i>		
		<i>2300</i>		
		<i>2400</i>		

*No specimen of bottom shown by
 sounding line - another was used
 was bottom was in good shape
 Rocky bottom -*

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 1613 Date Dec 15 1889
 Machine. Reel.
 Turns 195 Cor. + 16 Depth 211
 Shot or lead 38 lb.
 Bottom R. M.
 Bottom temperature 46
 No. of Thermometer 61455 Cor. - 0
 Corrected temperature 46
 Air 55 Surface 58 Drift.
 Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
9-55-30	3-35	0		
57-0	2-50	100		
59-0	10-1-15	95		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. *1507* Date *June 15/9*
 Location *Off Cape Cod* Machine. *Sigsbee* Reel. *No. 1*
 Turns *1047* Cor. *67* Depth *1047*
 Shot or lead *38 lbs*
 Bottom *gy m.*
 Bottom temperature *37*
 No. of Thermometer *5755* Cor. *± 0*
 Corrected temperature *37*
 Air *54* Surface *58* Drift.
 Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>11-32-0</i>	<i>12-1-45</i>	0		
<i>33-15</i>	<i>59-45</i>	100		
<i>35-30</i>	<i>58-50</i>	200		
<i>36-45</i>	<i>56-20</i>	300		
<i>37-0</i>	<i>55</i>	400		
<i>38-10</i>	<i>53-</i>	500		
<i>40-30</i>	<i>51-20</i>	600		
<i>41-45</i>	<i>49-4</i>	700		
<i>42-10</i>	<i>48-30</i>	800		
<i>44-30</i>	<i>47-20</i>	900		
<i>45-0</i>	<i>46-0</i>	1000 <i>80</i>		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. *1615*Date *Jan 16th 1889*Sigsbee Machine *N E* Reel.Turns *720* Cor. + *50* Depth *770*~~Shot or lead~~ *38 lb.*Bottom *F. S. G. S. S.*Bottom temperature *37.8*No. of Thermometer *61755* Cor. *None*Corrected temperature *37.8*Air *55* Surface *59* Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

TURNS.

DREDGE ROPE.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>1.27.10</i>	<i>1.53.10</i>	0		
<i>1.29.20</i>	<i>1.51.00</i>	100		
<i>1.30.10</i>	<i>1.50.00</i>	200		
<i>1.32.15</i>	<i>1.48.00</i>	300		
<i>1.34.10</i>	<i>1.46.10</i>	400		
<i>1.34.50</i>	<i>1.45.10</i>	500		
<i>1.36.10</i>	<i>1.43.10</i>	600		
<i>1.39.30</i>	<i>1.40.40</i>	700		
<i>1.40.20</i>	<i>1.40.20</i>	800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 1616 Date June 10 1887

Sigsbee Machine. #2 Reel.

Turns 575 - Cor. + 40 Depth 615 -

Shot or lead 35 lbs

Bottom fine S. g. l.

Bottom temperature 37.5 -

No. of Thermometer 61755 - Cor. none

Corrected temperature ~~37.5~~ 37.5 -

Air 53 - Surface 59 - Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
3.26.50		0		
3.30.10	3.55.20	100		
3.32.20	3.53.10	200		
3.34.10		300		
3.36.00		400		
3.38.10	3.51.08	500		
3.47.30	3.50.10	575		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. *Hyd 1617* Date *Jan 16* 1889*Sigsbee* Machine. *2* Reel.Turns *300* Cor. + *24* Depth *324*Shot or lead *38 lb*Bottom *R.*Bottom temperature *Ther did not capsize.*No. of Thermometer *61755* Cor.Corrected temperature *none*Air *55* Surface *59* Drift.~~Trawl or dredge or tangles~~

SOUNDING WIRE.

TURNS.

DREDGE ROPE.

A. M. DOWN.	UP.		DOWN.	UP.
		0		
	42 30"	100		
	41 45"	200		
	40 15"	300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. *1492* Date *Aug 16 1889*Machine. *Sigsbee* Reel.Turns *691* Cor. + *50* Depth *741*Shot or lead *38 lbs*Bottom *gn Cy*Bottom temperature *38.4*No. of Thermometer *61592* Cor. + *2*Corrected temperature *38.6*Air *55* Surface *59* Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

<i>11</i>			
<i>25</i>	<i>32 20</i>	0	
<i>30</i>	<i>33 20</i>	100	
<i>40</i>	<i>34 30</i>	200	
<i>46.50</i>	<i>47.40</i>	300	
<i>51 30</i>	<i>48 10</i>	400	
<i>57</i>	<i>49 45</i>	500	
<i>58 50</i>	<i>46.50</i>	600	
		700	
		800	
		900	
		1000	
		1100	
		1200	
		1300	
		1400	
		1500	
		1600	
		1700	
		1800	
		1900	
		2000	
		2100	
		2200	
		2300	
		2400	

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. *1517* Date *Jan 16 1881**Sigsbee* Machine. *2* Reel.Turns *660* Cor. *1* *47* Depth *707*Shot or lead *38 lbs*Bottom *gn. M.*Bottom temperature *43*No. of Thermometer *61592* Cor. *+2*Corrected temperature *43.2*Air *55* Surface *59* Drift.~~Trawl or dredge or tangles~~

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

<i>7-31-81</i>	<i>8. 00.00</i>	<i>0</i>		
<i>41.20</i>	<i>59.00</i>	<i>100</i>		
<i>42.40</i>	<i>58.10</i>	<i>200</i>		
<i>44.00</i>	<i>57.20</i>	<i>300</i>		
<i>45.20</i>	<i>56.25</i>	<i>400</i>		
<i>46.40</i>	<i>55.25</i>	<i>500</i>		
<i>48.00</i>	<i>54.20</i>	<i>600</i>		
		<i>700</i>		
		<i>800</i>		
		<i>900</i>		
		<i>1000</i>		
		<i>1100</i>		
		<i>1200</i>		
		<i>1300</i>		
		<i>1400</i>		
		<i>1500</i>		
		<i>1600</i>		
		<i>1700</i>		
		<i>1800</i>		
		<i>1900</i>		
		<i>2000</i>		
		<i>2100</i>		
		<i>2200</i>		
		<i>2300</i>		
		<i>2400</i>		

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 4162

Date

Machine.

Reel.

Turns 360 Cor. 1 3.9

Depth 360

Shot or lead 38 lb.

Bottom gy S. bk Sn

Bottom temperature 42

No. of Thermometer 61592 Cor. + 2

Corrected temperature 42.2

Air 55 Surface 59 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

TURNS.

DREDGE ROPE.

DOWN.

UP.

DOWN.

UP.

8-51-45

59-10

0

52-45

58-25

100

53-45

57-45

200

54-45

56-10

300

55-45

55-20

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No.

25911

Date

Machine.

Reel.

Turns 55 Cor. + 0 Depth 60

Shot or lead 38 lb

Bottom Mks. Y S

Bottom temperature

No. of Thermometer 61592 Cor. 4.00

Corrected temperature None

Air 59 Surface 59 Drift. 3/10m S.

Trawl or dredge or tangles Ship's Trawl

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

9-12	11-5	550	10-11	3-0
43-0	9-44-50	73 100	16-30	10-22-30
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Shallow & Fishing Area
 2 Rock Corals
 white drift.

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No.

No. 162-1

Date _____

May 16/89

Answer

Machine. \cup Reel.

Turns 16 Cor. 4

1

Depth 17

Shot or lead 25 lb.

Bottom

Rky

Bottom temperature

59. 11

No. of Thermometer

 $Cor. \quad + \quad /$

Corrected temperature 59.5

Air $\sqrt{2}$ Surface 60 $\sqrt{2}$ Drift.

~~Trawl or dredge or tangles~~

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
10-52-0	10-53-15	16X		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Hy No 16212

Sept 10 11, 1890. Lat. 45° 50' N. Long. 119° 55' W. Time 1 1/4 mile -

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No.

2912

Date

July 16 / 89

Hand Lead

Machine.

Reel.

Turns

X

Cor. +

X

Depth

10

Shot or lead

Hand

Bottom

Rky

Bottom temperature

No. of Thermometer

Cor.

Corrected temperature

Air

76

Surface

59

Drift.

2 1/2 m E.

~~Trawl or dredge or tangles~~

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

13 1/2

11.55.0

40.0

100.

35.40

38.15

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. *29123* Date *Jan 7 1907*
Tanner Machine. Reel.
 Turns *25* Cor. + *1* Depth *26*
 Shot or lead *25 lbs.*
 Bottom *bk. Sh.*
 Bottom temperature *58.1*
 No. of Thermometer *61594* Cor. + *1*
 Corrected temperature *59.*
 Air *60* Surface *60* Drift *31 S. 10 E.*
 Trawl or dredge or tangles *Sh. 1 f. 10 f.*

SOUNDING WIRE.

DOWN.

UP.

11-54-15
55-05

56-20

DREDGE ROPE.

DOWN.

UP.

11-57-20

5-10

0

25

100

45

12-0-40

12-0-40

12-0-40

12-0-40

12-0-40

12-0-40

12-0-40

12-0-40

12-0-40

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12-0-40

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

(1167)

No. 2915 Date Jan 16 1887

Tanner Machine. Reel.

Turns 53 Cor. + 2 Depth 55

Shot or lead 25 lb

Bottom gy S.

Bottom temperature 6.2

No. of Thermometer 61594 Cor. none ± 1

Corrected temperature 5.3, 1

Air 58 Surface 60 Drift. SE $\frac{1}{4}$ mi

~~Trawl or dredge or tangles~~

SOUNDING WIRE.

DOWN.

UP.

3.17.30 3.22.10
3.20.00 3.22.15

TURNS.

0
100
200
300
400
500
600
700
800
900
1000
1100
1200
1300
1400
1500
1600
1700
1800
1900
2000
2100
2200
2300
2400

DREDGE ROPE.

DOWN.

UP.

3.22.10 3.45.15
3.38.00 3.41.00

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 5716

Date

16 June 1881

Tanner Machine. Reel.

Turns 90 Cor. + 3 Depth 93

Shot or Lead 25-662

Bottom Rky.

Bottom temperature 49.

No. of Thermometer 5739-1 Cor. +1

Corrected temperature 49.1

Air 58 Surface 60 Drift. 11 X 3/4

Trawl or dredge or tangles Small 13m

SOUNDING-WIRE.

DOWN.

UP.

TURNS.

DREDGE-ROPE.

DOWN.

UP.

3.44.10 3.41.10

3.42.20 3.40.20

100

142

200

3.45.10 3.40.10

3.49.20 3.38.20

3.56.00 4.1.50

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. *2917* Date *Jan 16" 1889**or* Machine. *V Reel.*Turns *88* Cor. + *2* Depth~~Shot or lead~~ *25 lbs*Bottom *fine gy S. brk Sh*Bottom temperature *49*No. of Thermometer *61594* Cor. *+ .1*Corrected temperature *49.1*Air *58* Surface *59* Drift.~~Trawl or dredge or trawls~~ *Ships*

SOUNDING WIRE.

TURNS.

DREDGE ROPE.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>4.7.50</i>	<i>1.1.</i>	0	<i>4</i>	
		100	<i>16.40</i>	<i>33.45</i>
		<i>170</i>	<i>20.50</i>	<i>32.20</i>
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No.

2918

Date

Jan. 16th 89

Tanner

Machine.

Reel.

Turns

65

Cor. +

2

Depth

67

Shot or lead

25 lbs

Bottom

fine gy S.

Bottom temperature

52.3

No. of Thermometer

61594

Cor. +.1

Corrected temperature

52.4

Air

58

Surface

59

Drift.

Trawl or dredge or tangles

Ship's Dredge

SOUNDING WIRE.

TURNS.

DREDGE ROPE.

P. M. DOWN.	UP.		DOWN.	UP.
4.41.30	43.00	0	44.00	4-0
		100	48.10	
		115	49.00	5-0-30
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

Cor Table #2 Reel

Cor	Turns	Cor	Turns	Cor	Turns
0	50	29	1400	95	2750
0	100	30	1450	98	2800
1	150	31	1500	101	2850
1	200	33	1550	104	2900
2	250	35	1600	107	2950
3	300	37	1650	110	3000
4	350	39	1700	113	3050
4	400	41	1750	116	3100
5	450	43	1800	120	3150
6	500	45	1850	124	3200
7	550	47	1900	128	3250
8	600	49	1950	132	3300
9	650	51	2000	136	3350
10	700	53	2050	140	3400
11	750	56	2100	144	3450
12	800	59	2150	148	3500
13	850	62	2200	151	3550
14	900	65	2250	155	3600
15	950	68	2300	159	3650
17	1000	71	2350	163	3700
19	1050	74	2400	167	3750
21	1100	77	2450	171	3800
22	1150	80	2500	175	3850
23	1200	83	2550	179	3900
24	1250	86	2600	183	3950
25	1300	89	2650	187	4000
27	1350	92	2700	192	4050

Cor	Turns	Cor	Turns
192	4100	217	4300
202	4150	221	4350
207	4200		
211	4250		

On reel 3500 148 cor.
 500
3000

3000

3500
 55
3445

3500
 360
3140

148
 114
29

3500
 520
2980

148
 108
40